



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
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Canada

Tel (613) 632-5200

001973

D412-702-345
Job Sheet 174808



Part No: D412-702-345

Job Qty: 2 ea

Part Name: Shoulder Harness, 3-Point Att., Inertia Reel Continuous Belt, 4 Man Aft



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 3/22/18

Job Tracking No:

Due Date: 4/2/18

Created By: Linda Lacelle

Type: SOLD

Description:

Note: DWG DSI9511 REV A IIN D412-702-2 Rev.B IPP Rev:A new issue DD 10.04.30 verified:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	2 Ea		4/2/18	0.00	0.00	Start Up Stores/Pkg-2		MAR 27 2018
110	Packaging	2 pcs		4/2/18	0.00	0.00	Packaging1-4		MAR 27 2018
120	QC	2 pcs		4/2/18	0.00	0.00	QC4		Smb
125	DC	2 pcs		4/2/18	0.00	0.00	DC		
130	Packaging	2 pcs		4/2/18	0.00	0.00	Packaging3-2		Smb
140	QC21-FG	2 Ea		4/2/18	0.00	0.00	QC21		MAR 28 2018

Part Op 125 - Photocopy bluefile & type labels per PPP D412-702-345 CHG001

Descriptions: 130 - Identify and pack for shipping as per PPP D412-702-345 Location: _____ PPP Rev: 9-80

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN4-16A	Bolt	4 Ea (2 ea)	90-Start up Operation	5041125
AN4-25A	Bolt	8 Ea (4 ea)	90-Start up Operation	FM137615
AN4-27A	Bolt	8 Ea (4 ea)	90-Start up Operation	FM137320-0X5/5017361X3
D3572-041	Guide	4 Ea (2 ea)	90-Start up Operation	5014379
D412-702-311	Harness Assembly	2 Ea (1 ea)	90-Start up Operation	5054040
D412-702-313	Harness Assembly	2 Ea (1 ea)	90-Start up Operation	5054042
D412-702-321	Harness Assembly	2 Ea (1 ea)	90-Start up Operation	5054045
D412-702-323	Harness Assembly	2 Ea (1 ea)	90-Start up Operation	5054048
MS21042L4	Nut	12 Ea (6 ea)	90-Start up Operation	5045901
NAS1149D0463J	Washer	40 Ea (20 ea)	90-Start up Operation	5045845



Work Order update only ☐

Work Order:		DISPOSITION		AGAINST DEPARTMENT/PROCESS								
		Rework	☐	Skid-tube	☐	Cross tube	☐	Water Jet	☐	Engineering	☐	
Part No.		Scrap	☐	Machining	☐	Small Fab	☐	Prod. Eng. Coord.	☐	Quality	☐	
NCR No.		Use-as-is	☐	Thermoforming	☐	Finishing	☐	Rec/Store/Packaging	☐	Other	☐	
		Suspected Unapproved	☐	Large Fab	☐	Composite	☐	Supplier	☐		☐	
Date :	Step #:	QTY Effective :							MRB (QS1042) Approval			
Description Work Order Deviation												
DART AEROSPACE Container No: S055612 Part: D412-702-345 Job No: 174808 Serial No/Batch: S055612 Revision: A / B Inspector: Date: 03/27/18											Completed By	
											Lead hand / Supervisor Approval Verification	
											QC / QA Coordinator Approval	
Root Cause												
Environment	☐	Design	☐	Doc/Data	☐	Equip/Tooling	☐	Handling/Pre	☐	Material	☐	
Internal Transport	☐	Tribal Knowledge	☐	LOA	☐	Substation	☐	Past Expiry Date	☐	Misidentified	☐	
Positioned Wrong Outside Dimensions Over/Under tolerance Part Incorrect Part Lost/Missing Part Moved Drawing Finish Misread Turning Sequence Wrong Stock Pulled Out of Sequence Off-set Mislabeled Fit/Function Misaligned/off center												
OTHER :												

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN4-16A	4	195	0
	AN4-25A	8	33	0
	AN4-27A	8	35	0
	D3572-041	4	7	0
	D412-702-311	2	0	0
	D412-702-313	2	0	0
	D412-702-321	2	0	0
	D412-702-323	2	0	0
	MS21042L4	12	2,392	0
	NAS1149D0463J	40	3,234	0
Part Specifications				
Specifications could not be found.				

Plex 3/22/18 7:13 AM dart.lacelle.linda

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								



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Container View (Active) - Master Unit Containers

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
001973	S055121	AN4-16A	Bolt	S041125	ST343	4
001973	S055114	AN4-25A	Bolt	FM137615	ST342	8
001973	Fm137320-0	AN4-27A	Bolt		ST342	5
001973	S055113	AN4-27A	Bolt	S019361	ST342	3
001973	S055107	D3572-041	Guide	s014379	ST256	4
001973	S055106	MS21042L4	Nut	S045901	ST303	12
001973	S055105	NAS1149D0463J	Washer	S045845	ST263	40

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

Plex 3/27/18 9:15 AM Dart.joly.jocelyne

QTY -337	QTY -341	QTY -343	QTY -345	QTY -347	QTY -349	QTY -351	Part Number	Description
X							D214-702-337	Dart 5-Man 3 Point Aft Facing Shoulder Harness Kit, for 214 Aircraft
	X						D412-702-341	Dart 13-Man 3-Point Shoulder Harness Kit
		X					D412-702-343	Dart 5-Man 3-Point Forward Facing Shoulder Harness Kit
			X				D412-702-345	Dart 4-Man 3-Point Aft Facing Shoulder Harness Kit
				X			D412-702-347	Dart 4-Man 3-Point Side Facing Shoulder Harness Kit
					X		D412-702-349	Dart 1-Man 3-Point Forward Facing Shoulder Harness Kit
						X	D412-702-351	Dart 1-Man 3-Point Shoulder Harness Kit
	1	1		1	1		D412-702-059	GROMMET KIT
	2	1		1			D412-702-301	HARNESS ASSEMBLY
	2	1		1			D412-702-303	HARNESS ASSEMBLY
	1	1			1		D412-702-305	HARNESS ASSEMBLY
	1	1				1	D412-702-307	HARNESS ASSEMBLY
	1	1					D412-702-309	HARNESS ASSEMBLY
1	1		1				D412-702-311	HARNESS ASSEMBLY
1	1		1				D412-702-313	HARNESS ASSEMBLY
	1			1			D412-702-315	HARNESS ASSEMBLY
	1			1			D412-702-317	HARNESS ASSEMBLY
							D412-702-319	HARNESS ASSEMBLY
1	1		1				D412-702-321	HARNESS ASSEMBLY
1	1		1				D412-702-323	HARNESS ASSEMBLY
	2	2				1	D3542-1	BRACKET
	7	3		4	1		D3571-1	GUIDE
	2	2				1	D3571-3	GUIDE
	2		2				D3572-041	GUIDE ASSEMBLY
	12	6		6	2		D3578-041	DOUBLER
	2	2				1	D3610-041	BRACKET
	2	2				1	D3618-1	CAP
				2			D3677-1	SPACER
	9	5		4	1	1	D3761-1-041	HOOK AND LOOP STRIP
1							D3920-041	SEATBELT GUIDE ASSEMBLY
2							D3920-5	SEATBELT GUIDE
	4	4				2	AN4-10A	BOLT
1	2		2				AN4-16A	BOLT
1							AN4-21A	BOLT
7	4		4				AN4-25A	BOLT
	4		4				AN4-27A	BOLT
	2	2				1	AN4-44A	BOLT
18	26	6	20			3	AN960JD416	WASHER (OR NAS1149D0463J)
	4	4				2	AN960JD416L	WASHER (OR NAS1149D0416J)
	24	12		12	4		CR3212-4-4	RIVET
9	12	6	6			3	MS21042L4	NUT (OR MS21042-4)
				6			MS21069L3	ANCHOR NUT
	2	2				1	MS24693S274	SCREW
				2			MS24694S282	SCREW
	3	3			1		MS24694S56	SCREW
	10	2		8			MS24694S58	SCREW
	1	1			1		MS24694S60	SCREW